

199—45.7 (476) Determining the review level. A utility shall determine whether an interconnection request should be processed under the Level 1, 2, 3, or 4 procedures by using the following screens.

45.7(1) A utility shall use Level 1 procedures to evaluate all interconnection requests to connect a distributed generation facility when:

- a. The applicant has filed a Level 1 application; and
- b. The distributed generation facility has a nameplate capacity rating of 20 kVA or less; and
- c. The distributed generation facility is inverter-based; and
- d. The customer interconnection equipment proposed for the distributed generation facility is lab-certified; and
- e. No construction of facilities by the utility shall be required to accommodate the distributed generation facility.

45.7(2) A utility shall use Level 2 procedures for evaluating interconnection requests when:

- a. The applicant has filed a Level 2 application; and
- b. The nameplate capacity rating is 2 MVA or less for non-inverter-based systems. The Level 2 eligibility for inverter-based systems can be based on the following table.

Line Voltage	Level 2 Eligibility Regardless of Location	Level 2 Eligibility on a Mainline and < 2.5 Electrical Circuit Miles from Substation
< 5 kV	< 500 kVA	< 500 kVA
> 5 kV and < 15 kV	< 2 MVA	< 3 MVA
> 15 kV and < 30 kV	< 3 MVA	< 4 MVA
> 30 kV and < 69 kV	< 4 MVA	< 5 MVA

For purposes of this table, a mainline is the three-phase backbone of a circuit; and

- c. The interconnection equipment proposed for the distributed generation facility is lab-certified; and
- d. The proposed interconnection is to a radial distribution circuit or a spot network limited to serving one customer; and
- e. No construction of facilities by the utility shall be required to accommodate the distributed generation facility, other than minor modifications provided for in subrule 45.9(6).

45.7(3) A utility shall use Level 3 review procedures for evaluating interconnection requests to area networks and radial distribution circuits where power will not be exported based on the following criteria.

- a. For interconnection requests to the load side of an area network, the following criteria shall be satisfied to qualify for a Level 3 expedited review:
 - (1) The applicant has filed a Level 3 application; and
 - (2) The nameplate capacity rating of the distributed generation facility is 50 kVA or less; and
 - (3) The proposed distributed generation facility uses a lab-certified inverter-based equipment package; and
 - (4) The distributed generation facility will use reverse power relays or other protection functions that prevent the export of power into the area network; and
 - (5) The aggregate of all generation on the area network does not exceed the lower of 5 percent of an area network’s maximum load or 50 kVA; and
 - (6) No construction of facilities by the utility shall be required to accommodate the distributed generation facility.

b. For interconnection requests to a radial distribution circuit, the following criteria shall be satisfied to qualify for a Level 3 expedited review:

- (1) The applicant has filed a Level 3 application; and
- (2) The aggregated total of the nameplate capacity ratings of all of the generators on the circuit, including the proposed distributed generation facility, is 10 MVA or less; and
- (3) The distributed generation facility will use reverse power relays or other protection functions that prevent power flow onto the electric distribution system; and
- (4) The distributed generation facility is not served by a shared transformer; and
- (5) No construction of facilities by the utility on its own system shall be required to accommodate the distributed generation facility.

45.7(4) A utility shall use the Level 4 study review procedures for evaluating interconnection requests when:

- a.* The applicant has filed a Level 4 application; and
- b.* The nameplate capacity rating of the small generation facility is 10 MVA or less; and
- c.* Not all of the interconnection equipment or distributed generation facilities being used for the application are lab-certified.

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